

Dose Calculator Results

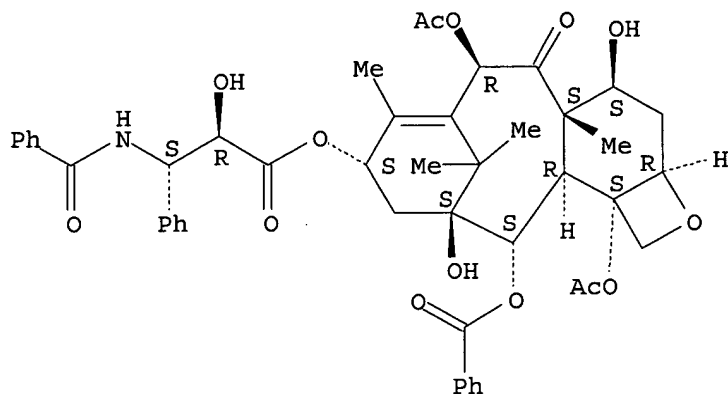
Please note that for regulatory submissions the FDA recommends the following conversion factors: Mouse = 3, Hamster = 4.1, Rat = 6, Guinea Pig = 7.7. (based on Cancer Chemother Repts 50(4):219(1966)) Multiply the conversion factor by the animal dose in mg/kg to obtain the dose in mg/m² for human dose equivalent. when both height and weight are known, human body surface area is calculated using Boyd's Formula of Body Surface Area (Boyd E. The growth of the surface area of the human body. University of Minnesota Press. 1935) . Calculations with weight alone (no height) are less accurate. All values are estimates and values above 2.25 m² are not considered accurate

Species	Weight, kg	Est.Total Dose, mg	Dose in mg/kg	Dose in mg/m ²	Est. BSA,m ²
Human	70.00	1400.00	20.00	779.07	1.797
Mouse	0.02	0.40	20.00	60.32	0.007
Hamster	0.03	0.60	20.00	69.13	0.009
Rat	0.15	3.00	20.00	118.07	0.025
Guinea Pig	1.00	20.00	20.00	224.72	0.089
Rabbit	2.00	40.00	20.00	251.98	0.159
Cat	2.50	50.00	20.00	253.68	0.197
Monkey	3.00	60.00	20.00	244.45	0.245
Dog	8.00	160.00	20.00	357.14	0.448

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 33069-62-4 REGISTRY
 CN Benzenepropanoic acid, β -(benzoylamino)- α -hydroxy-,
 (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-bis(acetyloxy)-12-(benzoyloxy)-
 2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,11-dihydroxy-4a,8,13,13-
 tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl
 ester, (α R, β S)-(9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 7,11-Methano-1H-cyclodeca[3,4]benz[1,2-b]oxete, benzenepropanoic acid
 deriv.
 CN Benzenepropanoic acid, β -(benzoylamino)- α -hydroxy-,
 6,12b-bis(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-
 dodecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-
 cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, [2aR-
 [2a α ,4 β ,4a β ,6 β ,9 α (α R*, β S*)],11 α
 ,12 α ,12a α ,12b α]]-
 CN Tax-11-en-9-one, 5 β ,20-epoxy-1,2 α ,4,7 β ,10 β ,13 α -
 hexahydroxy-, 4,10-diacetate 2-benzoate 13-ester with (2R,3S)-N-benzoyl-3-
 phenylisoserine (8CI)
 OTHER NAMES:
 CN ABI 007
 CN Abraxane
 CN BMS 181339-01
 CN Capxol
 CN Ebetaxel
 CN Genetaxyl
 CN Genexol
 CN Genexol-PM
 CN MBT 0206
 CN NSC 125973
 CN Pacliex
 CN **Paclitaxel**
 CN Plaxicel
 CN QW 8184
 CN TaxAlbin
 CN Taxol
 CN Taxol A
 CN Yewtaxan
 FS STEREOSEARCH
 MF C47 H51 N O14
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,
 DETHERM*, DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIUDB, IMSCOSEARCH,
 IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS,
 NAPRALERT, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE,
 TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 DT.CA Cplus document type: Book; Conference; Dissertation; Journal; Patent;
 Preprint
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical
 study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical

study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10225 REFERENCES IN FILE CA (1907 TO DATE)
 539 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 10262 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 114977-28-5 REGISTRY

CN Benzenepropanoic acid, β -[[[(1,1-dimethylethoxy)carbonyl]amino]- α -hydroxy-, (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, (α R, β S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 7,11-Methano-1H-cyclodeca[3,4]benz[1,2-b]oxete, benzenepropanoic acid deriv.

CN Benzenepropanoic acid, β -[[[(1,1-dimethylethoxy)carbonyl]amino]- α -hydroxy-, 12b-(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, [2aR-[2a α ,4 β ,4a β ,6 β ,9 α (α R*, β S*),11 α ,12 α ,12a α ,12b α]]-

OTHER NAMES:

CN Docetaxel

CN N-Debenzoyl-N-tert-butoxycarbonyl-10-deacetyltaxol

CN RP 56976

CN Taxotere

FS STEREOSEARCH

DR 216252-50-5

MF C43 H53 N O14

CI COM

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, HSDB*, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, PATDPASPC, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)

DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent

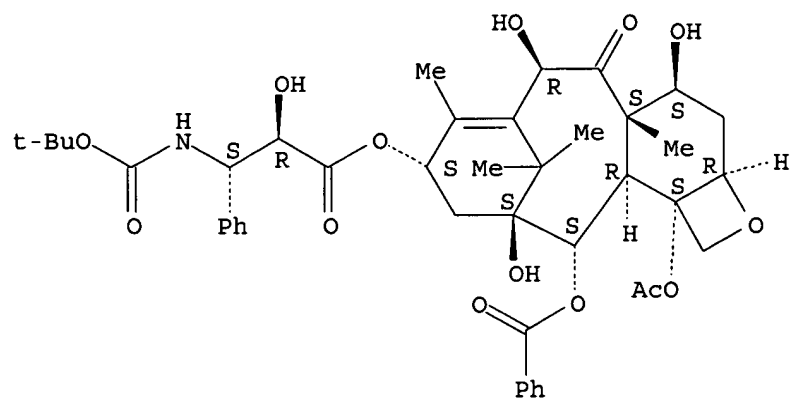
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); MSC (Miscellaneous); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry.



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

2635 REFERENCES IN FILE CA (1907 TO DATE)
 110 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2648 REFERENCES IN FILE CAPLUS (1907 TO DATE)